

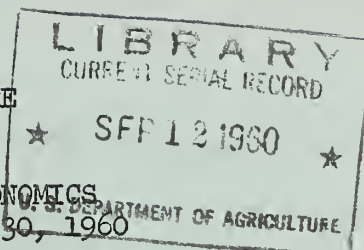
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UNITED STATES DEPARTMENT OF AGRICULTURE  
Agricultural Research Service



PUBLICATIONS FROM THE INSTITUTE OF HOME ECONOMICS  
published or in press, July 1, 1959 to June 30, 1960

This list includes publications and articles based on research done independently or by research institutions under contract and cooperative arrangements with the Institute of Home Economics of the U. S. Department of Agriculture. (Copies of journal articles and contract and cooperative materials generally are not available for distribution by the Department of Agriculture.)

COMPOSITION AND NUTRITIVE VALUE OF FOODS

Nutritive value of foods. Home and Garden Bul. 72. (Rev. of AIB 36 and Table 3, AH-8). (In press; available Sept. 1960).

Mineral elements in fresh vegetables from different geographic areas. H. T. Hopkins and J. Eisen. Agr. and Food Chem. Jour. 7(9): 633-638, illus. Sept. 1959.

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Chromatographic separation and fluorometric measurement of vitamin B<sub>6</sub> components in Aqueous solutions. M. J. MacArthur and J. Lehmann. Assoc. Off. Agri. Chem. Jour. 42(3): 619-622, illus. Aug. 1959.

Chromatographic separation of vitamin B<sub>6</sub> components in food extracts. E. W. Toepfer, M. J. MacArthur and J. Lehmann. Assoc. Off. Agri. Chem. Jour. 43(1): 57-59. Feb. 1960. (Paper presented at Oct. 1959 meeting A.O.A.C.).

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- The effect of type of dietary fat on reproductive performance and body composition of the vitamin B<sub>6</sub> deficient rat. M. L. Brown. Jour. Nutr. (In press.)
- Effect of type of carbohydrate on growth and nitrogen utilization in cultures of *Tetrahymena pyriformis*. (Abstract). H. Reynolds and J. B. Wragg. Bact. Proc.: 40. 1960. (Paper presented at May 1960 meeting Soc. of Amer. Bact.).
- Effect of peptides and amino acids in the serine nutrition of *Leuconostoc mesenteroides*. T. P. O'Barr and D. A. Pierce. Jour. Bact. 79(4): 519-523, illus. Apr. 1960.
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## NUTRITIONAL REQUIREMENTS AND RESPONSE TO DIET--Continued

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Heights and weights of adults in the United States. M. L. Hathaway and E. D. Foard. Home Econ. Res. Rept. No. 10. (In press).

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- The effect of soil treatments of chlordane or heptachlor on the flavor of turnips, parsnips, and carrots. M. E. Kirkpatrick, J. L. Brodgon and G. J. DeViney. Jour. Econ. Ent. 53(2): 285-287. Apr. 1960.
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- Yield and quality of mushrooms from beds treated with lindane. C. A. Weige and G. Gilpin. Jour. Econ. Ent. (In press). (Human Nutr. Res. Div. and Ent. Res. Div., cooperating).
- Use of different market forms of milk in biscuits. M. K. Kirkpatrick, R. H. Matthews and J. C. Collie. Jour. Home Econ. (In press).
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- Differential response of rice starch granules to heating in water at 62° C. R. R. Little and G. B. Hilder. Cereal Chem. (In press).
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## FOOD PRESERVATION, CARE, AND USE

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## FOOD CONSUMPTION, FOOD ECONOMICS, AND DIET APPRAISAL

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The recommended allowances in assessing diets. E. F. Phipard. Amer. Dietet. Assoc. Jour. 36(1): 37-41. Jan. 1960. (Paper presented at Oct. 1958 meeting of Amer. Pub. Health Assoc.)

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Feeding older folks in institutions; Nutrition committee members meet; White House Conference 1960

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Wale-course relationships affect dimensional stability and other properties of filling-knit fabrics. Research Achievement Sheet 203. June 1960.

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Some problems involved in the use of quaternary ammonium compounds as fabric disinfectants. E. McNeil, M. Greenstein, L. P. Stuart and M. Goldsmith. Jour. Appl. Microbiol. 8(3): 156-159. May 1960.

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## FAMILY ECONOMICS AND HOUSEHOLD MANAGEMENT

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An adaptation of the low-cost food plan for the south  
Textile fiber identification  
Changes in income and spending of city worker families  
Money income of aged persons  
1960 census  
Incomes shift upward

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National economic situation and outlook for 1960  
The Agricultural outlook  
Outlook for food  
Outlook for housing and equipment  
Changing American living patterns and values  
Estimated cost of one week's food

Family economics review ARS 62-5, 26 pp., illus. Mar. 1960:  
Using the estimated cost of one week's food in budget counseling  
Estimated cost of one week's food--U.S.A. average and four regions  
Grades for eggs, butter, and lamb  
Incomes of orphans and their widowed mothers  
Incomes of families and number of earners (1958)  
Calculating installment credit costs  
Changes in fiber consumption

FAMILY ECONOMICS AND HOUSEHOLD MANAGEMENT--Continued

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Improvement in education noted  
The 1959 Census of Agriculture  
Index of articles appearing March 1958-December 1959

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Food consumption and dietary levels of households with  
employed and nonemployed homemakers  
Factors affecting the employment of women  
Trends in the consumer price index for housing during the 1950's  
College plans of students  
FHA reduces downpayment  
Estimated cost of one week's food  
Changes in employment of teachers in public schools, 1957-1958

GENERAL

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